

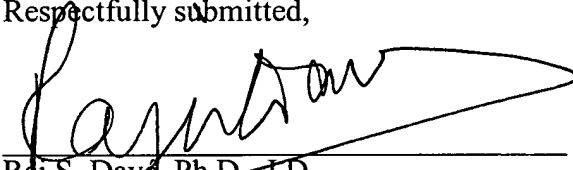
found and recognized at the time of this invention by reviewing the X-ray diffraction (XRD) patterns of recording media with a RuAl underlayer and a Cr/CrW₁₀ underlayer. A copy of the correct XRD patterns is attached hereto for reference.

Attached hereto is a marked-up version of the changes made to the claims by this amendment. The attached pages are captioned "**Version with markings to show changes made.**"

In light of this Amendment, a Notice of Allowance is respectfully solicited.

In the event that the transmittal letter is separated from this document and the Patent and Trademark Office determines that an extension and/or other relief is required, applicant petitions for any required relief including extensions of time and authorizes the Commissioner to charge the cost of such petitions and/or other fees due in connection with the filing of this document to **Deposit Account No. 03-1952**, referencing docket number 146712002800. However, the Commissioner is not authorized to charge the cost of the issue fee to the Deposit Account.

Dated: February 13, 2002

Respectfully submitted,

By: _____
Raj S. Dave, Ph.D., J.D.
Registration No. 42,465
Morrison & Foerster LLP
2000 Pennsylvania Avenue, N.W.
Washington, D.C. 20006-1888
Telephone: (202) 887-8798
Facsimile: (202) 263-8396

VERSION WITH MARKINGS TO SHOW CHANGES MADE

In the Specification:

Delete paragraph starting on page 10, lines 20 and 21.

Amend paragraph on page 11, lines 1 and 2, as follows:

(Amended) Figure [5] 4 shows one embodiment of the layered structure of the recording medium of this invention.

Amend paragraph on page 11, lines 13-20, as follows:

(Amended) Figure [5] 4 shows one embodiment of the layered laminate structure of the invention. The sequential stacking arrangement of the recording media can include a substrate 51, a ruthenium-aluminum-containing underlayer 52, optionally a chromium-containing second underlayer 53, and a magnetic layer 54. Other embodiments can also include one or more of the following layers; a seedlayer, a protective overcoat layer, and one or more additional underlayers and one or more intermediate layers disposed between the ruthenium-aluminum-underlayer and the magnetic layer.

Amend paragraph starting on page 20, line 16 and ending on page 21, line 2, as follows:

(Amended) [Figure 4 shows] X-ray diffraction (XRD) patterns of recording media with a RuAl underlayer and a Cr/CrW₁₀ underlayer were taken. The thickness of RuAl and the total thickness of Cr and CrW both were about 300Å. The X-ray diffraction data was taken in the θ -2 θ mode. The CoCr₃₇ intermediate layer and CoCr₁₅Pt₁₂B₁₂ magnetic layer had a thickness of 45Å and 180Å, respectively. Both underlayers [exhibit] exhibited cubic (200) preferred

crystallographic orientations. Both recording media [exhibit] exhibited a Co(11.0) preferred crystallographic orientations, which is desirable for high-density longitudinal magnetic recording.

Cancel Figure 4.

Change legend of original "Figure 5" to --Figure 4--.

Attachment

Correct X-ray diffraction (XRD) patterns of recording media with a RuAl underlayer and a Cr/CrW₁₀ underlayer.

